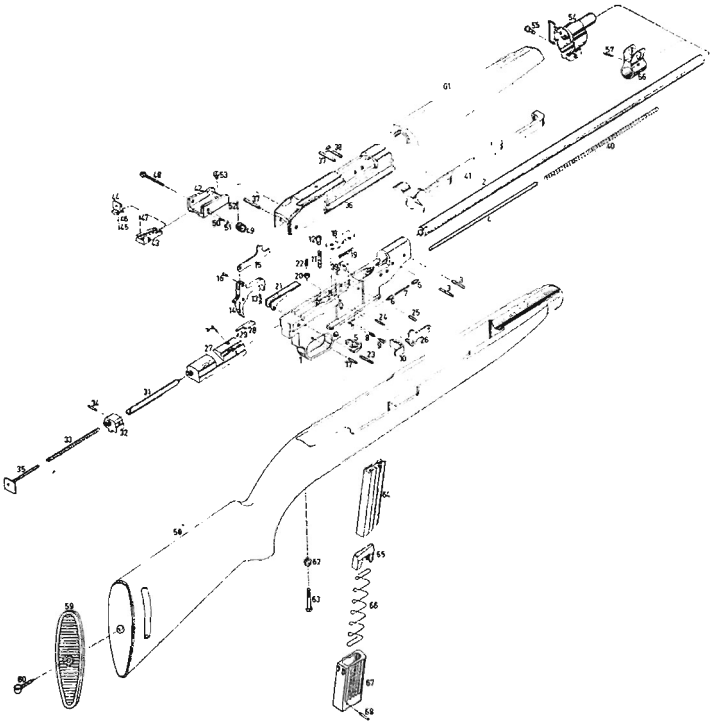
IVER JOHNSON

U.S. CARBINE .22

MODEL: EW.22HBA

Caliber: .22 long rifle

Please specify on order parts number and name.



Cat. No.	Spare Parts
1	Trigger housing
2	Barrel
3	Barrel pin (2)
4	Operating slide spring guide
5	Safety lever
6	Safety detent plunger (2)
7	Safety detent plunger spring
8	Magazine catch spring
9	Magazine catch spring plunger
10	Magazine catch
11	Trigger bar spring
12	Trigger bar spring plunger
13	Trigger spring
14a	Trigger assembly
14	Trigger
15	Trigger bar
16	Trigger bar pin
17	Trigger pin
18	Sear release plate
19	Sear release plate spring
20	Sear spring plunger
21	Sear
22	Sear spring
23	Sear holding pin
24	Sear release plate pin
25	Sear release pin
26	Sear release
27a	Bolt assembly
27	Bolt
28	Extractor
29	Extractor spring
30	Extractor pin
31	Firing pin
32	Firing pin piece
33	Firing pin spring
34	Firing pin piece pin
35	Recoil plate
36	Receiver
37	Trigger housing retaining pin (2)
38	Receiver screw
39	Ejector
40	Operating slide spring
41	Operating slide
42a	Rear sight assembly
42	Rear sight base
43	Rear sight ramp
44	Rear sight sliding aperture
45	Rear sight sliding spring
46	Rear sight sliding ball
47	Rear sight ramp pin
48	Rear sight windage screw
49	Rear sight windage knob
50	Windage stop spring
51	Windage stop ball
52	Windage stop pin
53	Rear sight base screw
54	Front band assembly
55	Front band screw
56	Front sight assembly
57	Front sight pin
58a	Stock assembly
58	Stock (polished beech or oiled walnut)
59	Butt plate
60	Butt plate screw
61	Handguard assembly
62	Rear guard screw plunger
63	Rear guard screw
64a	Magazine assembly
64	Magazine tube
65	Magazine follower
66	Magazine spring
67	Magazine tube holder
68	Magazine tube holder pin

1. **GENERAL DIRECTIONS.** The EW.22HBA is a semi-automatic rifle operating on the blow back principle.

2. **OPERATING INSTRUCTIONS FOR EW.22HBA.** After checking to see that the chamber is empty by opening the action and pulling the operating slide handle (41) on the right side of the receiver to the rear. Depress the magazine catch (10) and remove the magazine from the rifle. Load the magazine with cartridges (see technical data), by depressing the magazine follower with the proper round of ammunition. The round should be placed forward of feed lips on the magazine, pressed down and to the rear under the feed lips. Each successive round should be inserted in the same manner until the proper capacity is reached. Point safety lever (5) to the white dot.

   Insert the loaded magazine into the well in the magazine plate, while keeping the muzzle pointed in a safe direction. Push the magazine in until it snaps in place. If the catch does not engage check for dirt or debris that would prevent the magazine from catching.

   With the muzzle of the rifle pointed in a safe direction pull the operating slide handle to the rear and allow the bolt to close using its own spring power.

   To fire move the safety lever to the direction of the red dot.

   SAFETY WARNING: Due to the necessity of putting the safety on manually, you must exercise caution in handling to prevent accidental discharge. KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AT ALL TIMES. Do not load the rifle until you are ready to use it. Unload the rifle immediately after use. Never leave loaded rifle unattended.

3. **DISASSEMBLY PROCEDURE.** With the magazine removed and the chamber empty disassemble as follows: Loosen front band screw (55), remove rear guard screw (63), slip front band (54) forward on barrel, and lift wooden handguard (61) free. Separate barrel and receiver assembly from stock. Push both trigger housing retaining pins (37) out of receiver and remove receiver screw (38). Lift receiver (36) free (push downwards with finger tip the bolt). Pull operating slide (41), operating slide spring (40), and operating slide spring guide (4) forward. Raise recoil plate (35) and remove to rear firing pin spring (33), firing pin piece (31a) together with bolt. Further disassembly is not recommended. Reassemble in reverse order.

Safety Precautions:

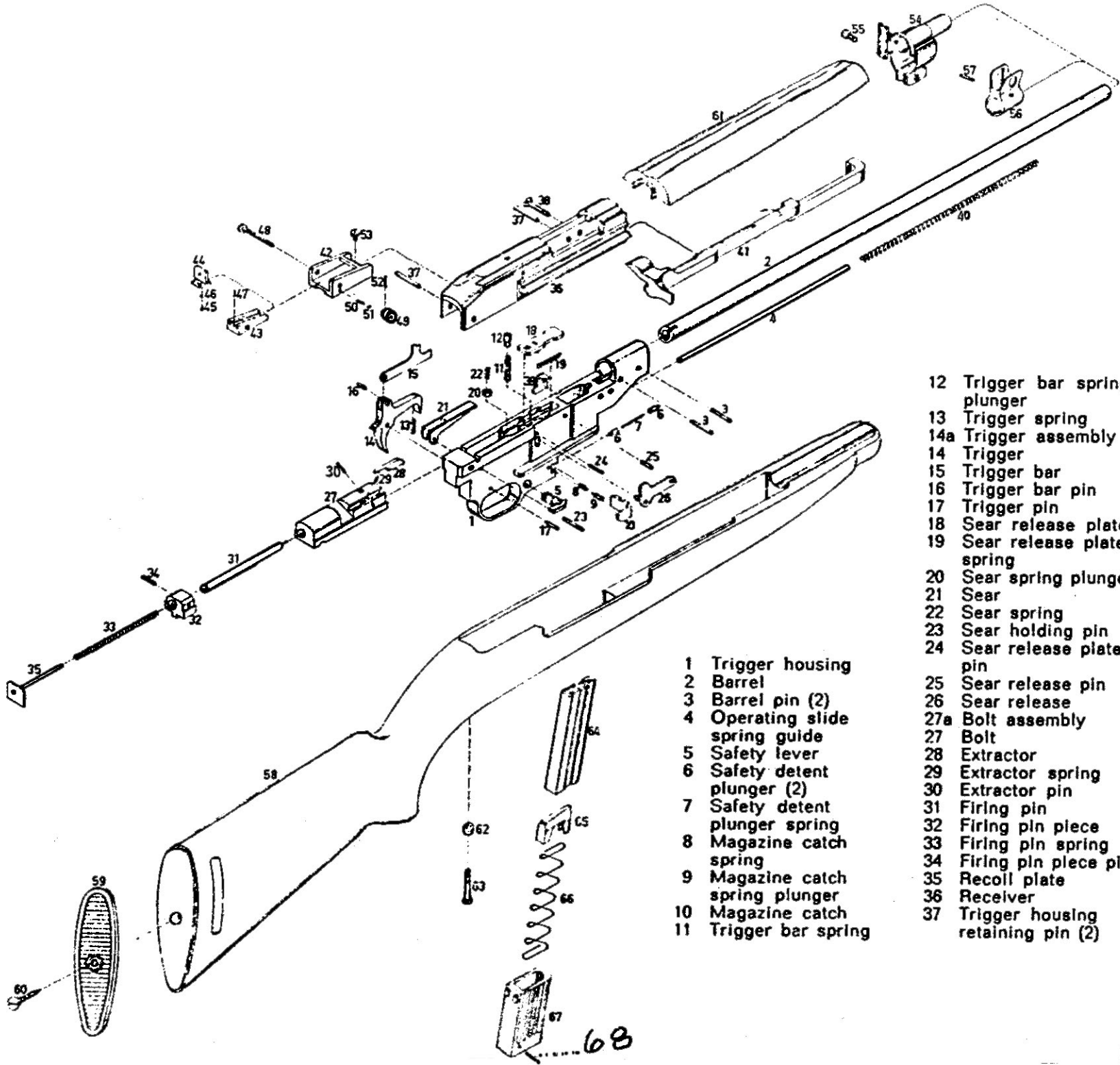
Always carry the firearm with the safety on. Make sure that after shooting, the firearm is empty and that no cartridge is left in the barrel or magazine. Never point the firearm at anything you don't intend to shoot. ANY FIREARM IS DANGEROUS IF NOT CAREFULLY AND SAFELY HANDLED.

Technical data:

1. Groved receiver for telescope mounts when rear sight removed.
2. Adjustable rear sight.
3. Every firearm factory test-fired.

Caliber	.22 long rifle
Overall length:	35½"
Barrel length	18"
Weight:	5.6 lbs.
Magazine capacity:	10 shots, 15 shot magazine available as option

2202 REDMOND ROAD
JACKSONVILLE, AR 72076
(501) 982-9491



1 Trigger housing
2 Barrel
3 Barrel pin (2)
4 Operating slide spring guide
5 Safety lever
6 Safety detent plunger (2)
7 Safety detent plunger spring
8 Magazine catch spring
9 Magazine catch spring plunger
10 Magazine catch
11 Trigger bar spring

12 Trigger bar spring plunger
13 Trigger spring
14a Trigger assembly
14 Trigger
15 Trigger bar
16 Trigger bar pin
17 Trigger pin
18 Sear release plate
19 Sear release plate spring
20 Sear spring plunger
21 Sear
22 Sear spring
23 Sear holding pin
24 Sear release plate pin
25 Sear release pin
26 Sear release
27a Bolt assembly
27 Bolt
28 Extractor
29 Extractor spring
30 Extractor pin
31 Firing pin
32 Firing pin piece
33 Firing pin spring
34 Firing pin piece pin
35 Recoil plate
36 Receiver
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49 Rear sight windage knob
50 Windage stop spring
51 Windage stop ball
52 Windage stop pin
53 Rear sight base screw
54 Front band assembly
55 Front band screw
56 Front sight assembly
57 Front sight pin
58a Stock assembly
58 Stock (polished beech or oiled walnut)
59 Butt plate
60 Butt plate screw
61 Handguard assembly
62 Rear guard screw plunger
63 Rear guard screw
64a Magazine assembly
64 Magazine tube
65 Magazine follower
66 Magazine spring
67 Magazine tube holder
68 Magazine tube holder pin

Printed in West-Germany

ERMA EM 1 Semi-automatic Carbine cal. 22 L. R.

● light ● very handy ● exzellent appearance ●

Specifications

Mechanism type:	semi-automatic, blowback
Barrel length:	450 mm (18")
Sights:	aperture rear adjustable for windage and elevation (25 / 50 / 75 / 100 m), blade front with strong sight protector
Distance between sights:	530 mm (20.9")
Stock:	polished beech wood with handguard or oiled walnut, sling swivel
Magazine:	for 10 rounds cal. 22 L. R.; also available 15 rounds magazine
Safety:	safety lever on the right side of the trigger guard
Over-all length:	900 mm (35.4")
Weight:	2.55 kos. (5.6 lbs.)

Instruction of use:

Safety on the right side of the trigger guard is engaged when safety lever points down (white point). To disengage rotate safety lever forward (red point).

To load, engage safety, and insert the filled magazine into magazine opening, making sure magazine snaps into place. Hook over operating slide handle, pull operating slide to the rear and release it (the closing of the bolt must be done by spring pressure). Disengage safety and pull the trigger.

Bolt remains open when magazine is empty. Push magazine catch to the left and withdraw magazine. Now bolt closes.

Disassembly Procedure:

Loosen front band screw (55), remove rear guard screw (63), slip front band (54) forward on barrel, and lift wooden handguard (61) free.

Separate barrel and receiver assembly from stock.

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